

Zhili Gao

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

946
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

955
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of steel slag as a granular material: Volume expansion prediction and usability criteria. <i>Journal of Hazardous Materials</i> , 2010, 184, 555-560.	12.4	291
2	Mix design of concrete with recycled clay-brick-powder using the orthogonal design method. <i>Construction and Building Materials</i> , 2012, 31, 289-293.	7.2	119
3	Bond strength of PCC pavement repairs using metakaolin-based geopolymer mortar. <i>Cement and Concrete Composites</i> , 2016, 65, 75-82.	10.7	93
4	Improving Transportation Projects Using Laser Scanning. <i>Journal of Construction Engineering and Management - ASCE</i> , 2005, 131, 377-384.	3.8	92
5	Physical and mechanical properties of mortar using waste Polyethylene Terephthalate bottles. <i>Construction and Building Materials</i> , 2013, 44, 81-86.	7.2	62
6	Early strength and durability of metakaolin-based geopolymer concrete. <i>Magazine of Concrete Research</i> , 2017, 69, 46-54.	2.0	59
7	Exploring factors for implementing lean construction for rapid initial successes in construction. <i>Journal of Cleaner Production</i> , 2020, 277, 123295.	9.3	41
8	Dynamic responses of prestressed bridge and vehicle through bridgeâ€“vehicle interaction analysis. <i>Engineering Structures</i> , 2015, 87, 116-125.	5.3	37
9	Characterization of pervious concrete through image based micromechanical modeling. <i>Construction and Building Materials</i> , 2016, 114, 547-555.	7.2	37
10	Properties of plastic mortar made with recycled polyethylene terephthalate. <i>Construction and Building Materials</i> , 2014, 73, 682-687.	7.2	24
11	Integrated implementation of Virtual Design and Construction (VDC) and lean project delivery system (LPDS). <i>Journal of Building Engineering</i> , 2021, 39, 102252.	3.4	20
12	Approaches to Improving the Quality of Construction Drawings from Ownerâ€™s Perspective. <i>Journal of Construction Engineering and Management - ASCE</i> , 2006, 132, 1187-1192.	3.8	19
13	Framework for selection of lean construction tools based on lean objectives and functionalities. <i>International Journal of Construction Management</i> , 2022, 22, 1559-1570.	3.2	16
14	Budget and Schedule Success for Small Capital-Facility Projects. <i>Journal of Management in Engineering - ASCE</i> , 2002, 18, 186-193.	4.8	10
15	Developing a Traffic Closure Integrated Linear Schedule for Highway Rehabilitation Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2009, 135, 146-155.	3.8	10
16	Development of Innovative Integrated Last Planner System (ILPS). <i>International Journal of Civil Engineering</i> , 2020, 18, 701-715.	2.0	9
17	Prediction of Pavement Concrete Strength Development, Joint Sawing, and Opening Time Using FEMLAB. <i>Journal of Performance of Constructed Facilities</i> , 2012, 26, 162-169.	2.0	4
18	Optimal Depth-to-Span Ratio for Composite Rigid-Frame Bridges. <i>Practice Periodical on Structural Design and Construction</i> , 2019, 24, 05019001.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Development of Lean Approaching Sustainability Tools (LAST) Matrix for Achieving Integrated Lean and Sustainable Construction. Construction Economics and Building, 2021, 21, .	0.9	1